

and a C_3 - C_{20} alpha olefin formed by the polymerization reaction with a single site catalyst and low density polyethylene.

110. (New) A film structure comprising:

at least two layers wherein a first layer comprises a barrier material selected from the group consisting of polyvinylidene chloride, polyvinylidene chloride copolymer, polyvinylidene chloride-methyl acrylate copolymer, ethylene vinyl alcohol copolymer, nylon, and metal foil, and further wherein a second layer comprises a blend of a polymer of ethylene and a C_3 - C_{20} alpha olefin formed by the polymerization reaction with a single site catalyst and linear low density polyethylene.

111. (New) A film structure comprising:

at least two layers wherein a first layer comprises a barrier material selected from the group consisting of polyvinylidene chloride, polyvinylidene chloride copolymer, polyvinylidene chloride-methyl acrylate copolymer, ethylene vinyl alcohol copolymer, nylon, and metal foil, and further wherein a second layer comprises a blend of a polymer of ethylene and a C_3 - C_{20} alpha olefin formed by the polymerization reaction with a single site catalyst and a second polymer of ethylene and an alpha olefin formed by the polymerization reaction with a single site catalyst.

112. (New) A film structure comprising:

at least two layers wherein a first layer comprises a barrier material selected from the group consisting of polyvinylidene chloride, polyvinylidene chloride copolymer, polyvinylidene chloride-methyl acrylate copolymer, ethylene vinyl alcohol copolymer, nylon, and metal foil, and further wherein a second layer comprises a blend of a copolymer of

ethylene and a C₃-C₂₀ alpha olefin formed by the polymerization reaction with a metallocene catalyst system and low density polyethylene.

113. (New) A film structure comprising:

at least two layers wherein a first layer comprises a barrier material selected from the group consisting of polyvinylidene chloride, polyvinylidene chloride copolymer, polyvinylidene chloride-methyl acrylate copolymer, ethylene vinyl alcohol copolymer, nylon, and metal foil, and further wherein a second layer comprises a blend of a copolymer of ethylene and a C₃-C₂₀ alpha olefin formed by the polymerization reaction with a metallocene catalyst system and linear low density polyethylene.

114. (New) A film structure comprising:

at least two layers wherein a first layer comprises a barrier material selected from the group consisting of polyvinylidene chloride, polyvinylidene chloride copolymer, polyvinylidene chloride-methyl acrylate copolymer, ethylene vinyl alcohol copolymer, nylon, and metal foil, and further wherein a second layer comprises a blend of a copolymer of ethylene and a C₃-C₂₀ alpha olefin formed by the polymerization reaction with a metallocene catalyst system and a second polymer of ethylene and a polyolefin from by the polymerization reaction with a metallocene catalyst system.

115. (New) A film structure comprising:

at least three layers wherein a first layer comprises a barrier material selected from the group consisting of polyvinylidene chloride, polyvinylidene chloride copolymer, polyvinylidene chloride-methyl acrylate copolymer, ethylene vinyl alcohol copolymer, nylon, and metal foil, and further wherein a second layer comprises a blend of a polymer formed by the polymerization reaction with a single site catalyst and a polyolefin;